

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043623.D
 Acq On : 30 Oct 2024 14:47
 Operator : JC/MD
 Sample : PB164501ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB164501ZHE#01

Quant Time: Oct 31 22:58:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

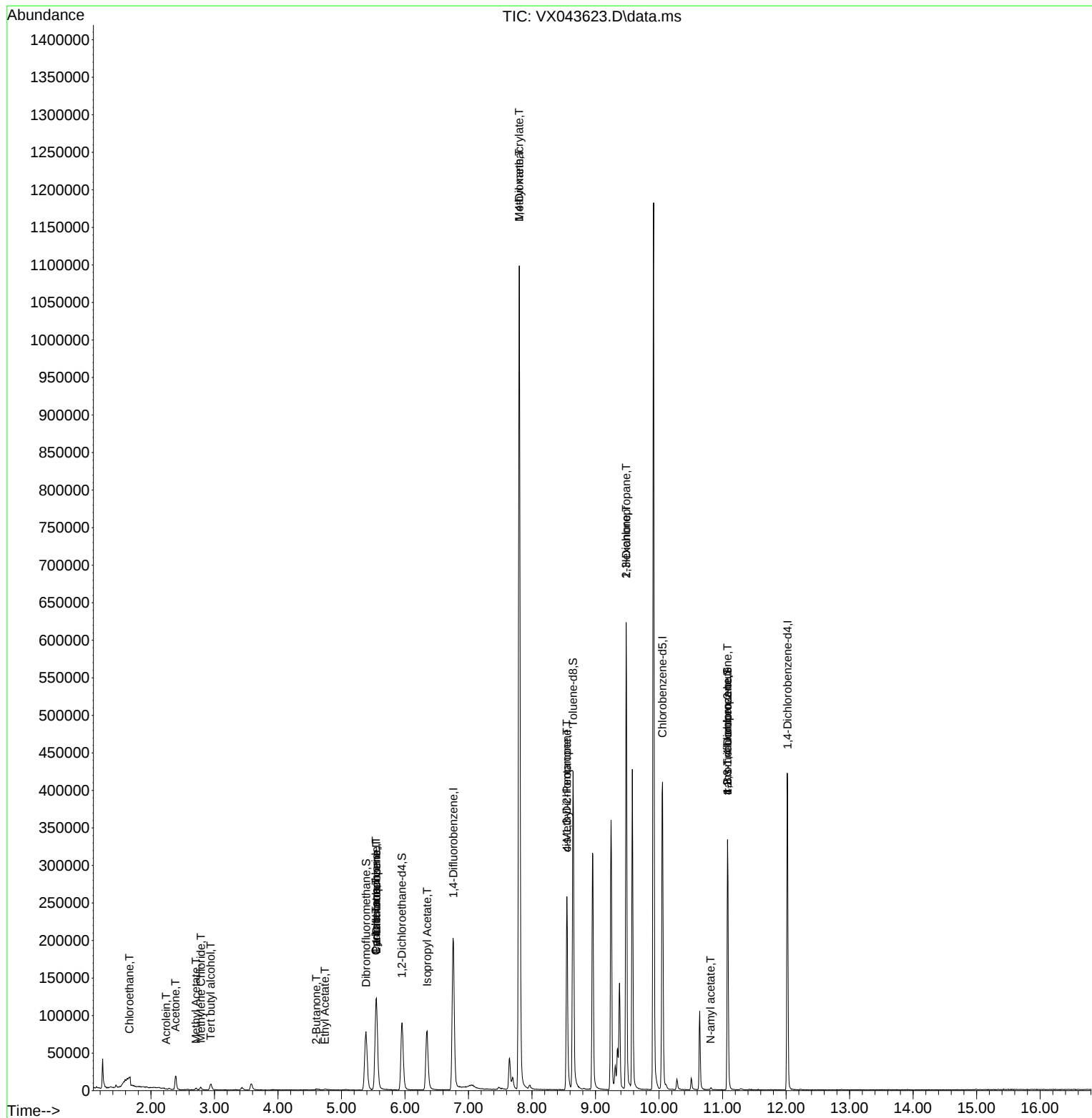
Internal Standards						
1) Pentafluorobenzene	5.550	168	122717	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	221955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85494	43.692	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.380%		
35) Dibromofluoromethane	5.385	113	70199	46.642	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.280%		
50) Toluene-d8	8.647	98	265602	50.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.960%		
62) 4-Bromofluorobenzene	11.079	95	94845	49.128	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.260%		
Target Compounds						
						Qvalue
6) Chloroethane	1.660	64	302	0.551	ug/l	# 16
11) Tert butyl alcohol	2.940	59	4730	12.951	ug/l	# 100
13) Acrolein	2.239	56	129	0.452	ug/l	# 15
16) Acetone	2.386	43	20755	26.711	ug/l	98
18) Methyl Acetate	2.709	43	2644	1.164	ug/l	# 77
20) Methylene Chloride	2.788	84	1810	1.081	ug/l	# 86
25) 2-Butanone	4.605	43	2077	1.832	ug/l	97
31) Cyclohexane	5.544	56	2381	1.152	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	9338	5.232	ug/l	# 49
37) Ethyl Acetate	4.739	43	1843	0.851	ug/l	# 89
38) Carbon Tetrachloride	5.544	117	12246	6.210	ug/l	# 16
43) Isopropyl Acetate	6.348	43	113287	31.617	ug/l	98
48) Methyl methacrylate	7.799	41	91375	53.787	ug/l	# 41
49) 1,4-Dioxane	7.799	88	224	6.418	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	86457	39.588	ug/l	# 50
54) cis-1,3-Dichloropropene	8.549	75	45525	20.090	ug/l	# 59
57) 1,3-Dichloropropane	9.482	76	5639	2.256	ug/l	# 42
59) 2-Hexanone	9.482	43	70949	42.774	ug/l	# 53
74) N-amyl acetate	10.811	43	891	0.286	ug/l	# 49
76) 1,2,3-Trichloropropane	11.079	75	45957	23.784	ug/l	# 33
81) trans-1,4-Dichloro-2-b...	11.079	75	45957	65.430	ug/l	# 7

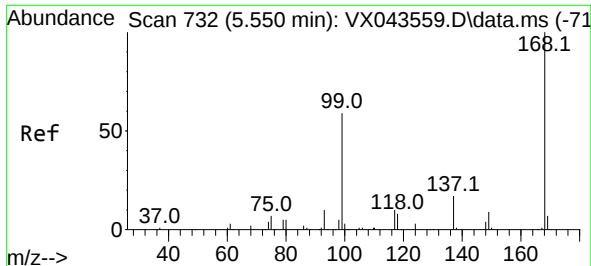
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
Data File : VX043623.D
Acq On : 30 Oct 2024 14:47
Operator : JC/MD
Sample : PB164501ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#01

Quant Time: Oct 31 22:58:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

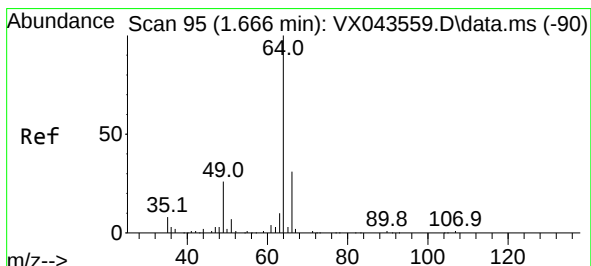
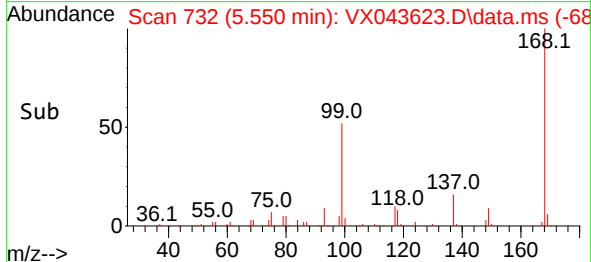
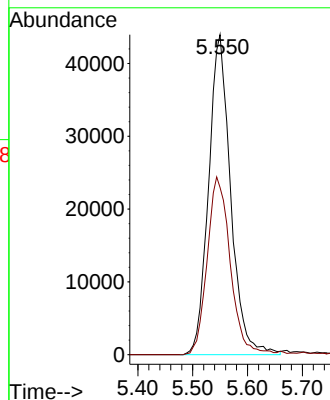
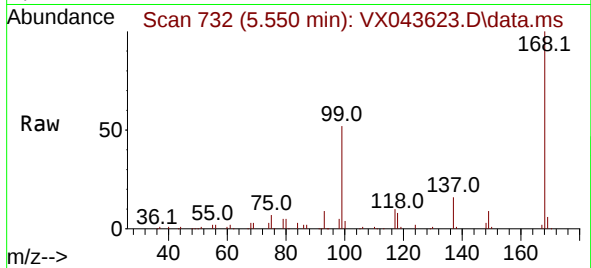




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

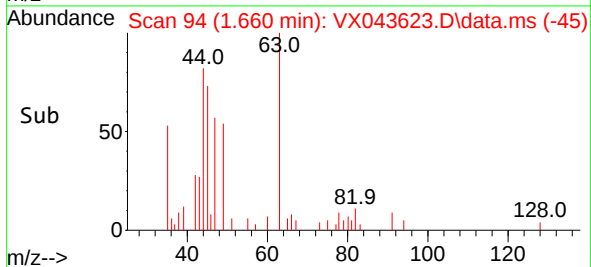
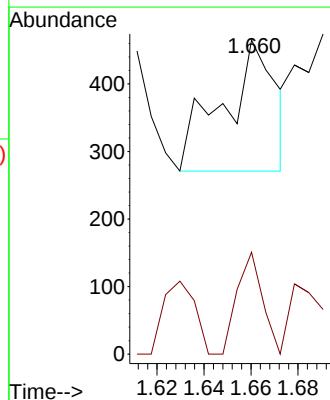
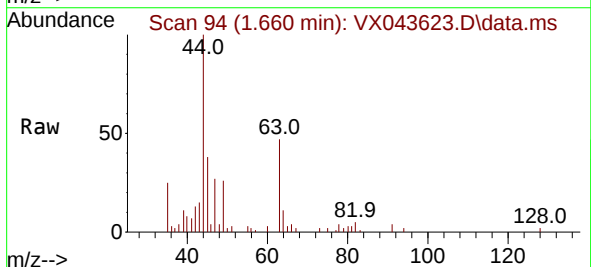
Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#01

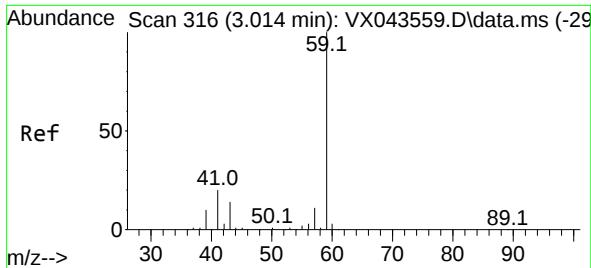
Tgt Ion:168 Resp: 122717
Ion Ratio Lower Upper
168 100
99 52.3 52.6 78.8#



#6
Chloroethane
Concen: 0.551 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

Tgt Ion: 64 Resp: 302
Ion Ratio Lower Upper
64 100
66 77.8 25.1 37.7#

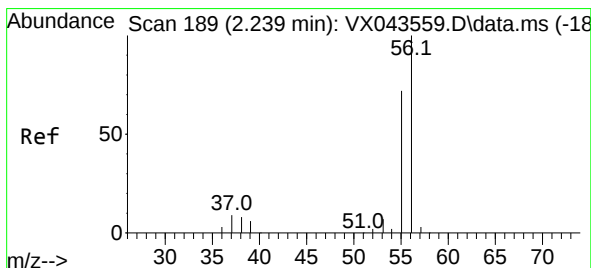
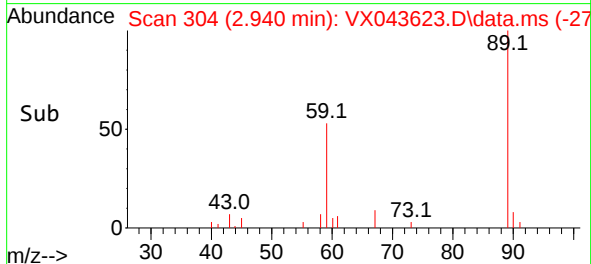
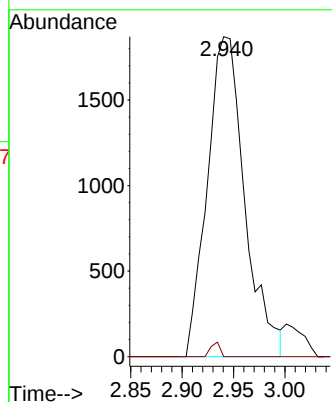
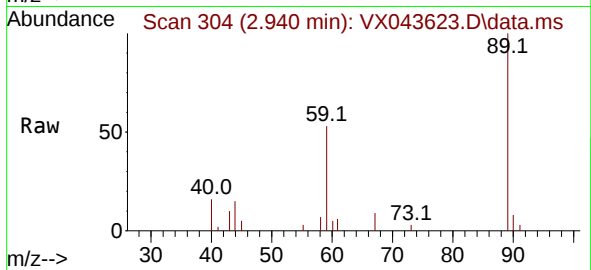




#11
Tert butyl alcohol
Concen: 12.951 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.110 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

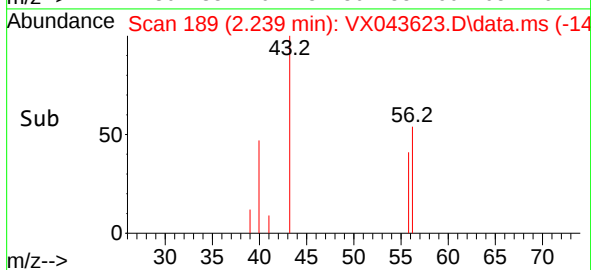
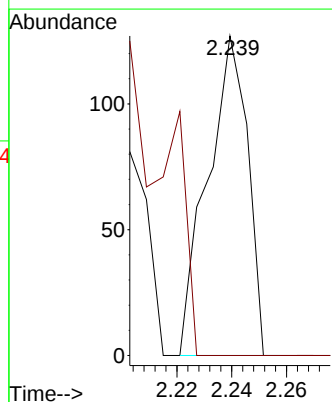
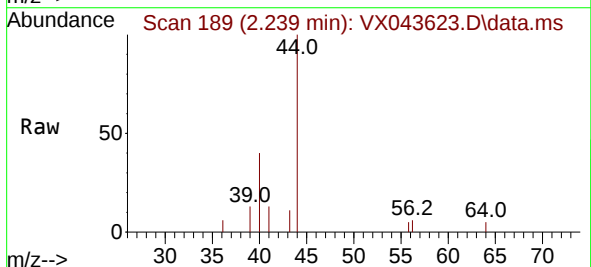
Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#01

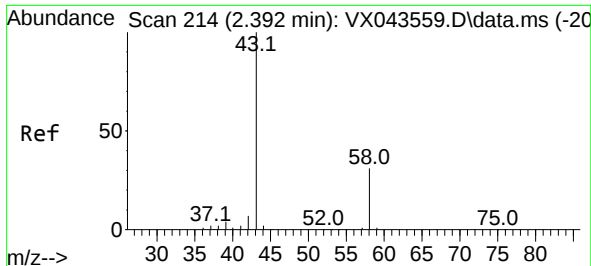
Tgt Ion: 59 Resp: 4730
Ion Ratio Lower Upper
59 100
57 1.1 0.0 0.0#



#13
Acrolein
Concen: 0.452 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#

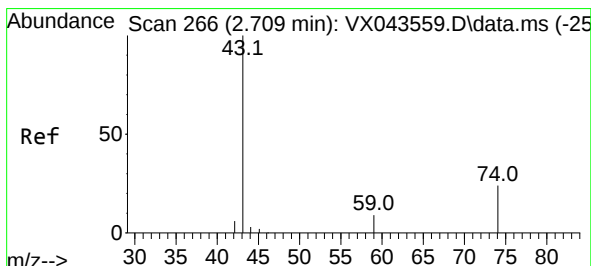
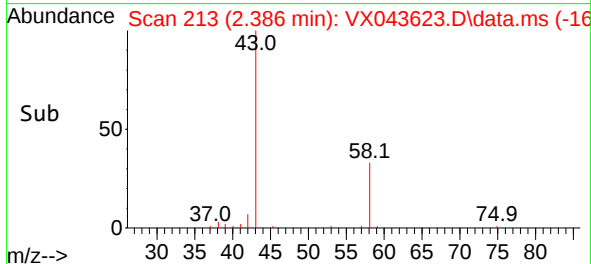
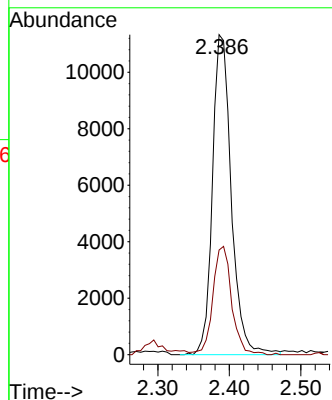
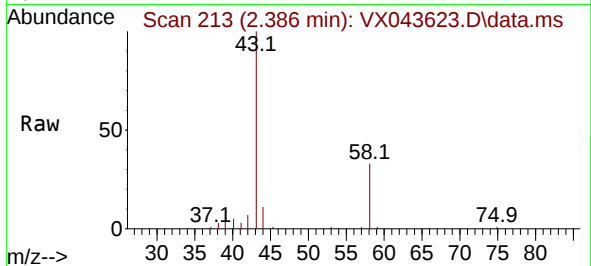




#16
Acetone
Concen: 26.711 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

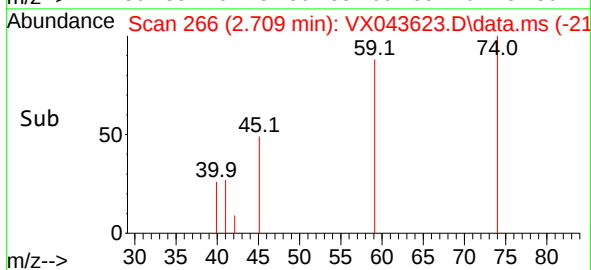
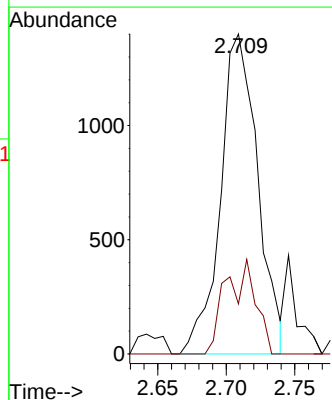
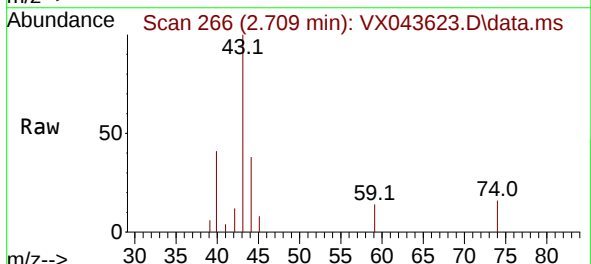
Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#01

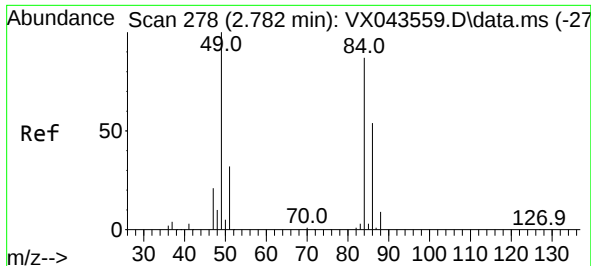
Tgt Ion: 43 Resp: 20755
Ion Ratio Lower Upper
43 100
58 32.7 25.1 37.7



#18
Methyl Acetate
Concen: 1.164 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

Tgt Ion: 43 Resp: 2644
Ion Ratio Lower Upper
43 100
74 12.8 19.1 28.7#

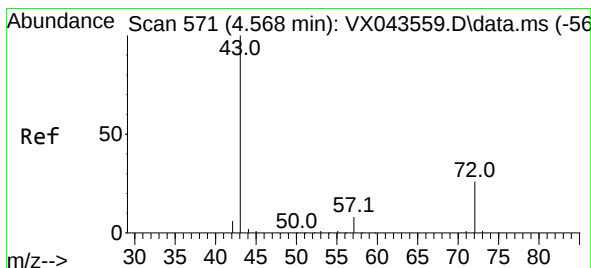
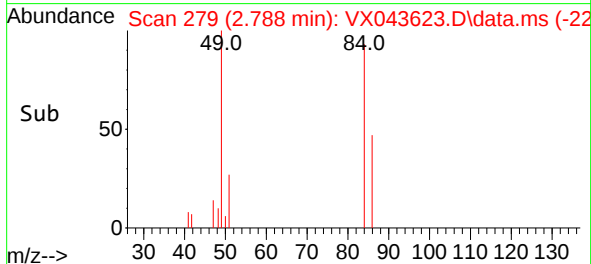
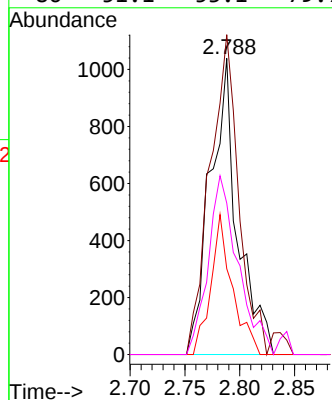
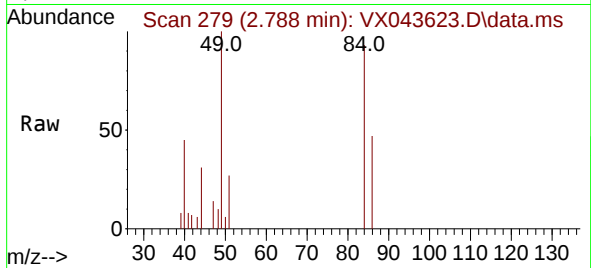




#20
Methylene Chloride
Concen: 1.081 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

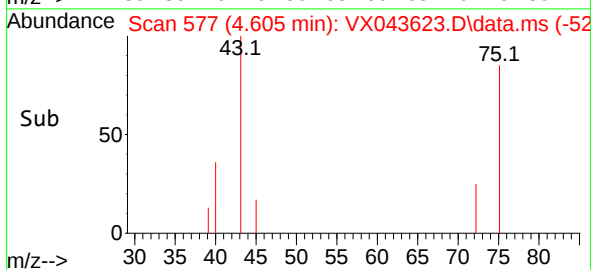
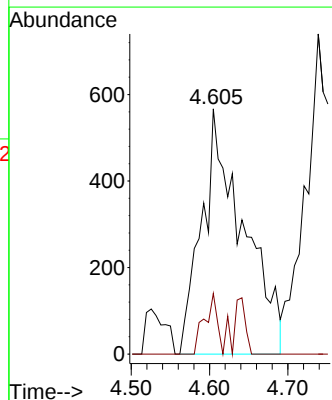
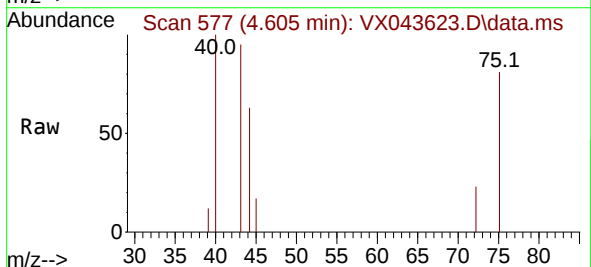
Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#01

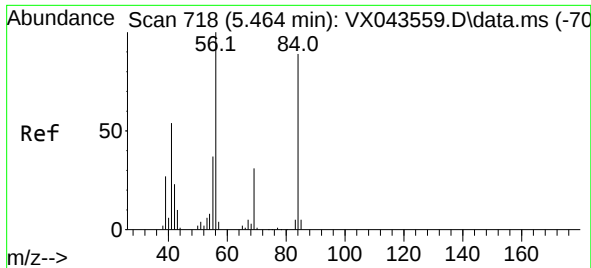
Tgt Ion:	84	Resp:	1810
Ion	Ratio	Lower	Upper
84	100		
49	108.0	97.0	145.6
51	29.0	29.8	44.8#
86	51.1	53.1	79.7#



#25
2-Butanone
Concen: 1.832 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.037 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

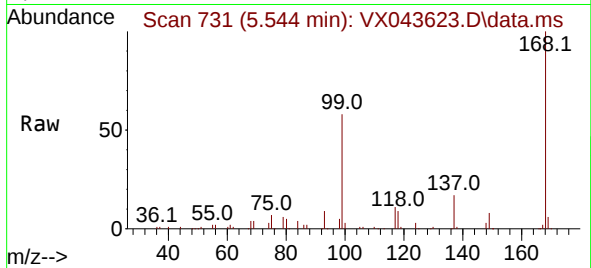
Tgt Ion:	43	Resp:	2077
Ion	Ratio	Lower	Upper
43	100		
72	24.7	21.1	31.7



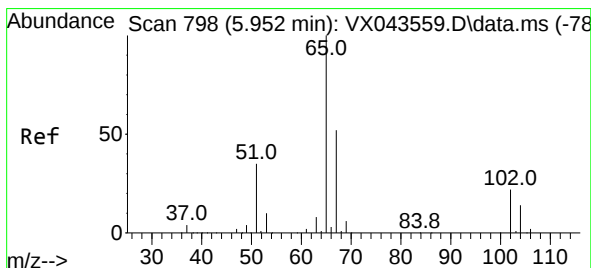
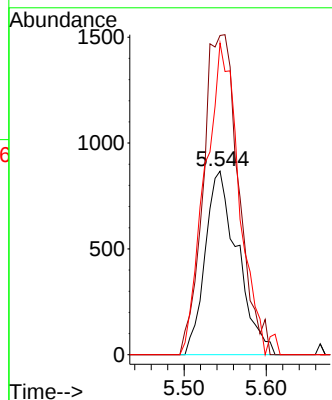
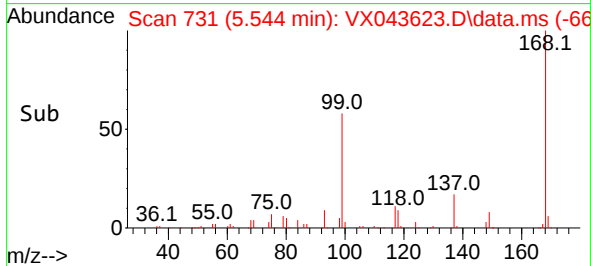


#31
Cyclohexane
Concen: 1.152 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#01

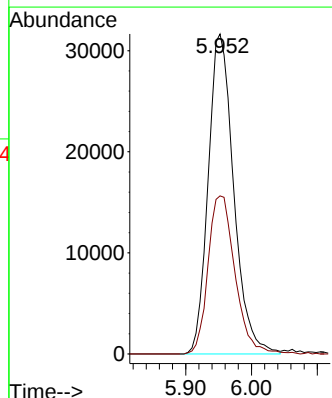
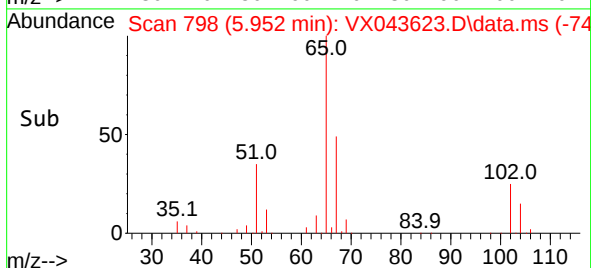
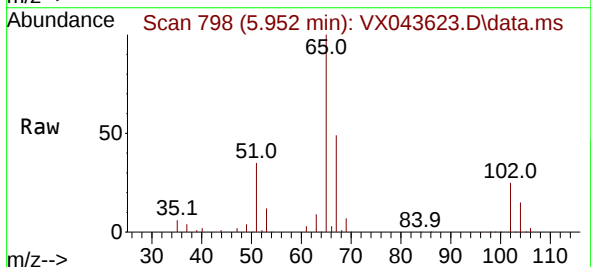


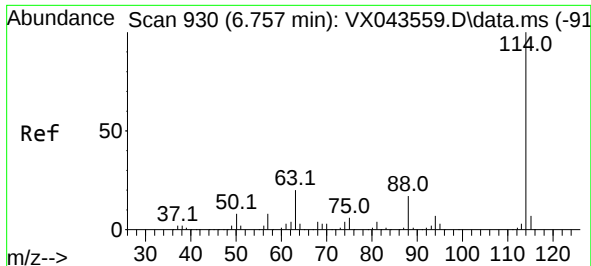
Tgt Ion: 56 Resp: 2381
Ion Ratio Lower Upper
56 100
69 173.9 24.9 37.3#
84 169.9 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 43.692 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

Tgt Ion: 65 Resp: 85494
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4

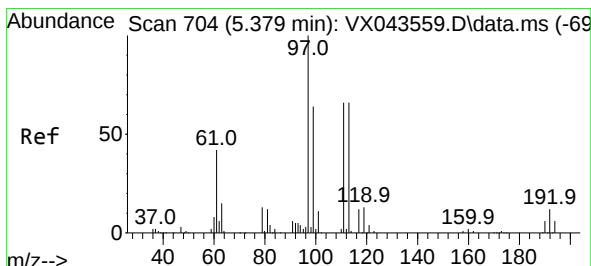
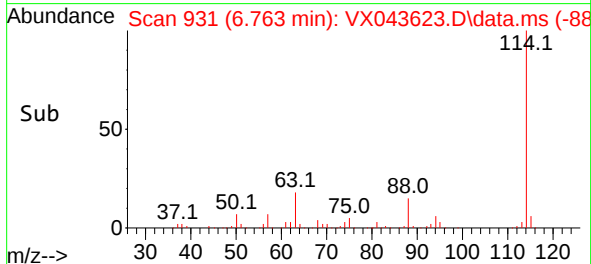
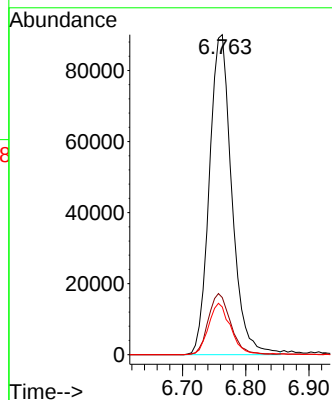
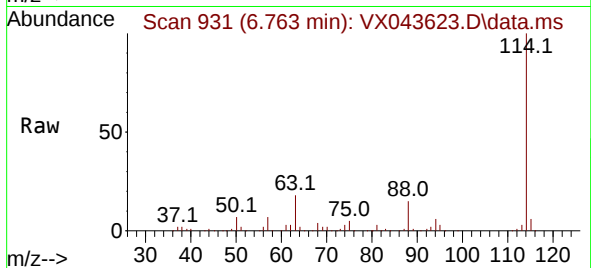




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

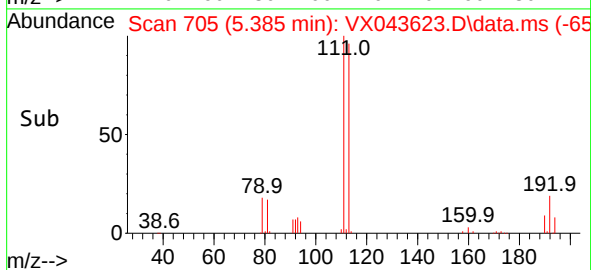
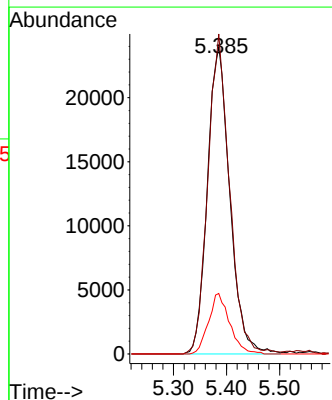
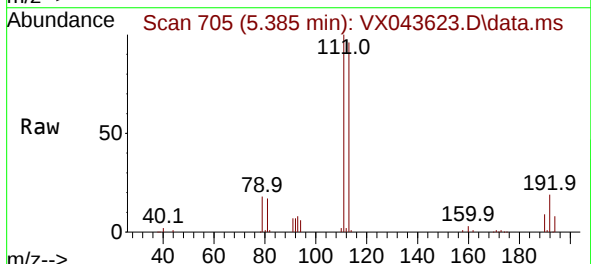
Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#01

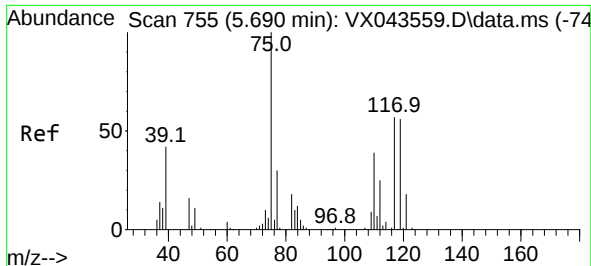
Tgt Ion:114 Resp: 221955
Ion Ratio Lower Upper
114 100
63 17.8 0.0 41.2
88 14.9 0.0 34.0



#35
Dibromofluoromethane
Concen: 46.642 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

Tgt Ion:113 Resp: 70199
Ion Ratio Lower Upper
113 100
111 100.1 81.4 122.0
192 18.6 14.1 21.1

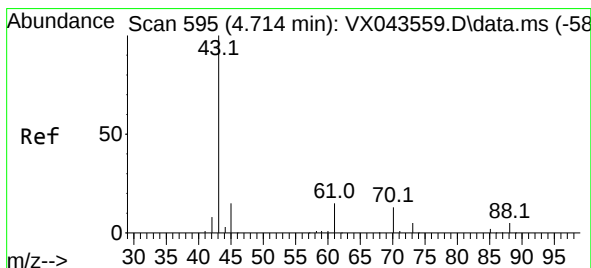
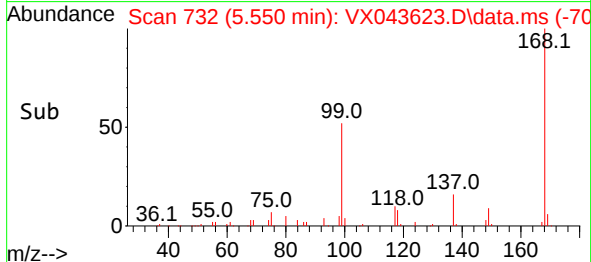
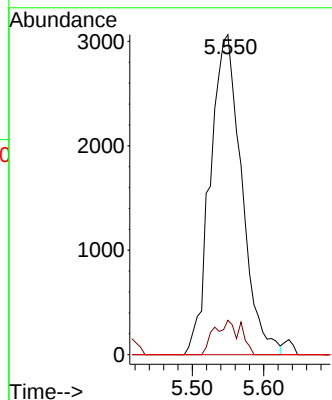
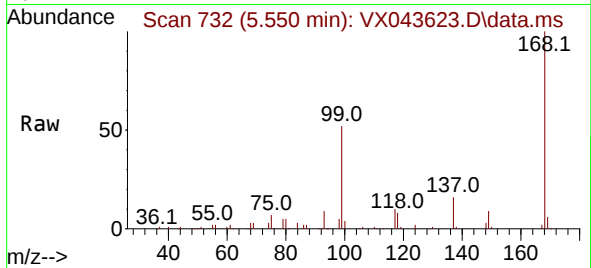




#36
1,1-Dichloropropene
Concen: 5.232 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

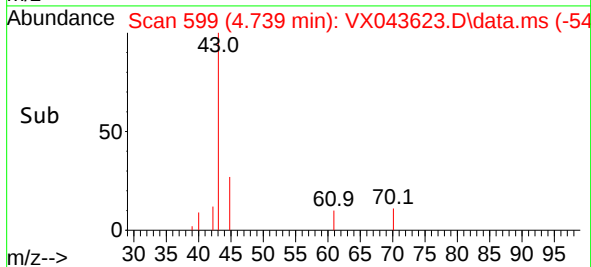
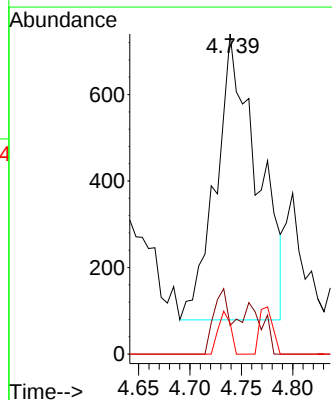
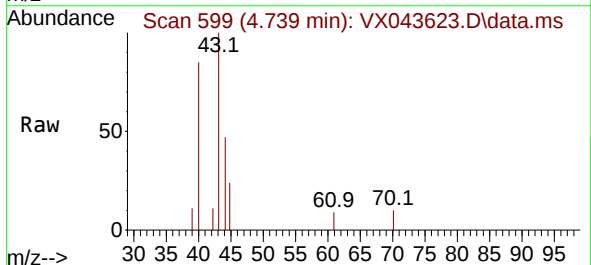
Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#01

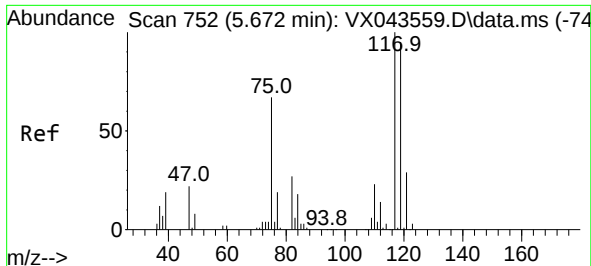
Tgt Ion: 75 Resp: 9338
Ion Ratio Lower Upper
75 100
110 9.0 17.9 53.7#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.851 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.018 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

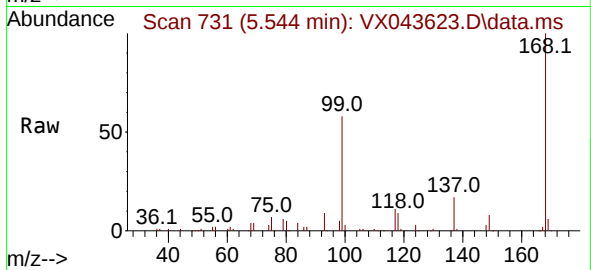
Tgt Ion: 43 Resp: 1843
Ion Ratio Lower Upper
43 100
61 11.3 11.0 16.6
70 4.4 8.9 13.3#



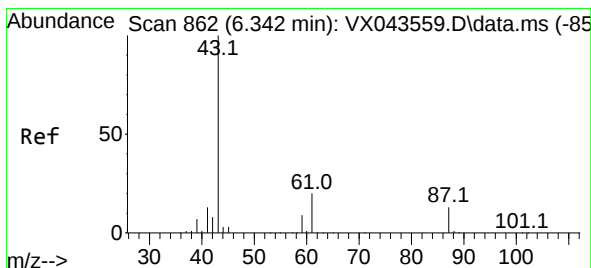
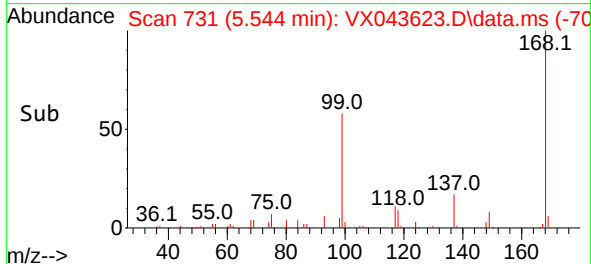
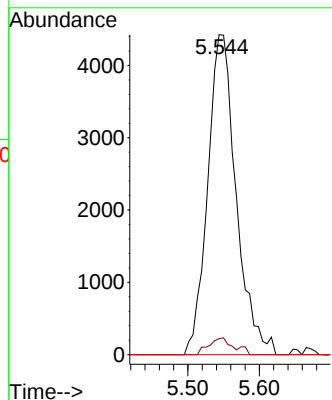


#38
Carbon Tetrachloride
Concen: 6.210 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#01

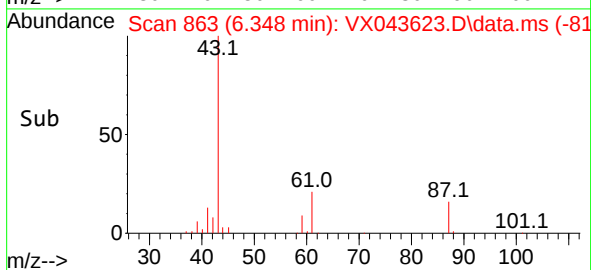
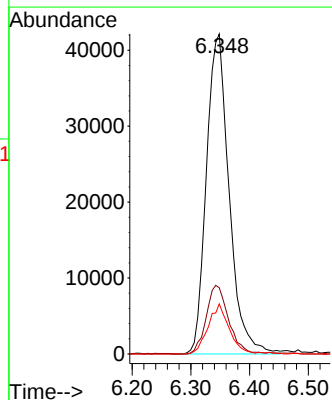
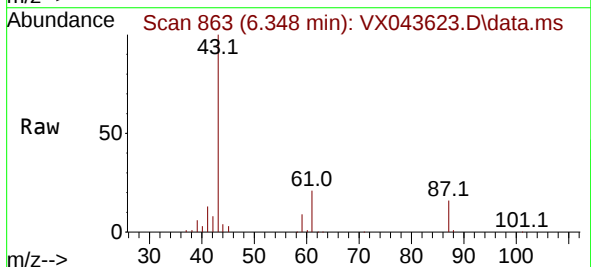


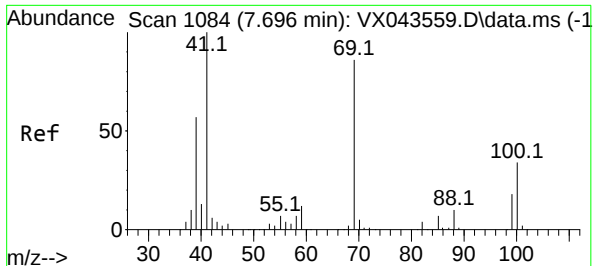
Tgt Ion:117 Resp: 12246
Ion Ratio Lower Upper
117 100
119 5.0 77.0 115.6#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 31.617 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

Tgt Ion: 43 Resp: 113287
Ion Ratio Lower Upper
43 100
61 21.1 16.2 24.4
87 14.4 11.0 16.6

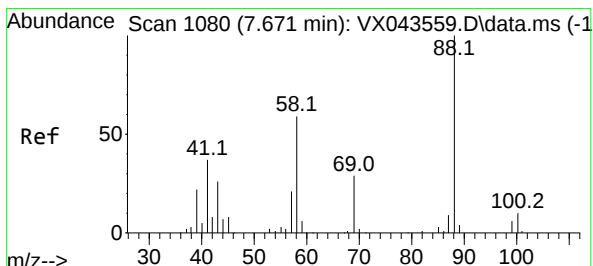
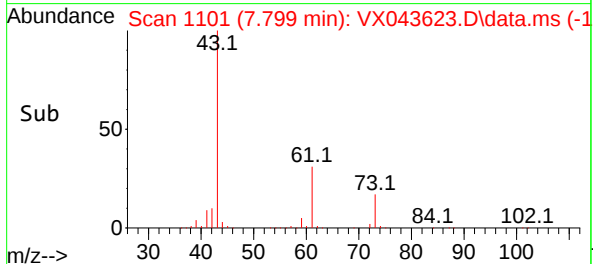
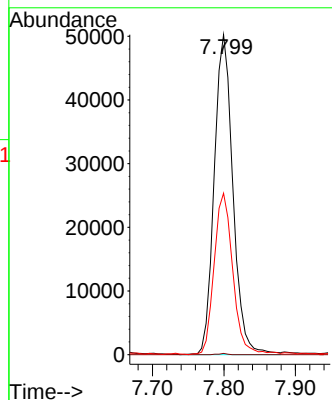
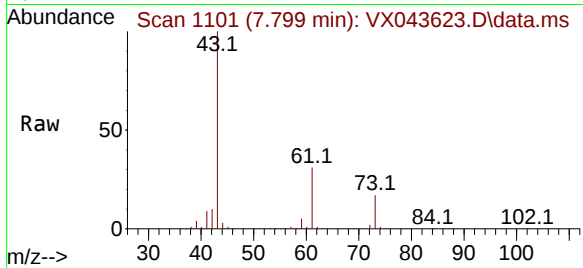




#48
Methyl methacrylate
Concen: 53.787 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

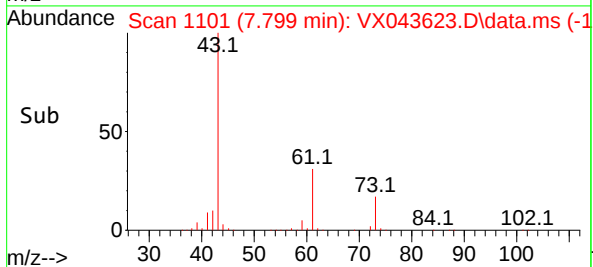
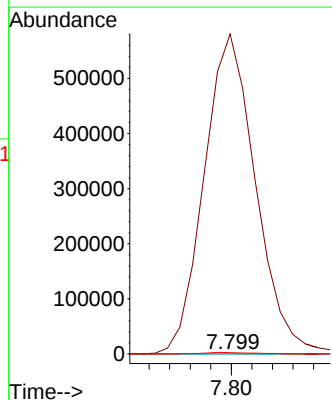
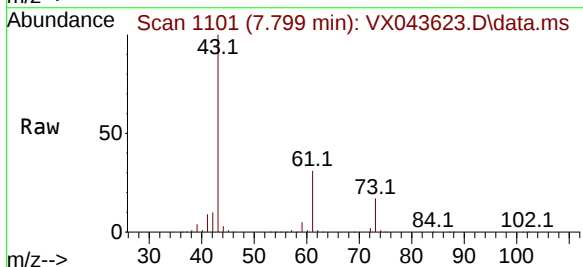
Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#01

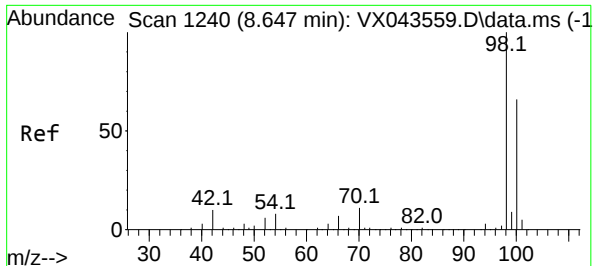
Tgt Ion: 41 Resp: 91375
Ion Ratio Lower Upper
41 100
69 0.2 67.7 101.5#
39 50.6 46.3 69.5



#49
1,4-Dioxane
Concen: 6.418 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.128 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

Tgt Ion: 88 Resp: 224
Ion Ratio Lower Upper
88 100
43 457755.4 25.3 37.9#
58 2156.7 53.9 80.9#





#50

Toluene-d8

Concen: 50.979 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043623.D

Acq: 30 Oct 2024 14:47

Instrument :

MSVOA_X

ClientSampleId :

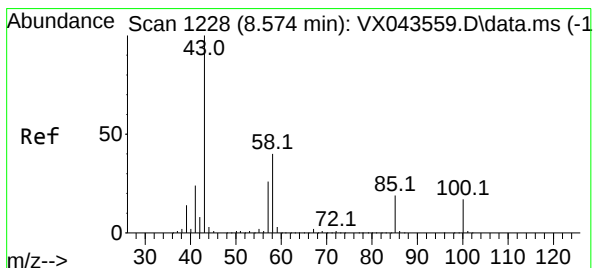
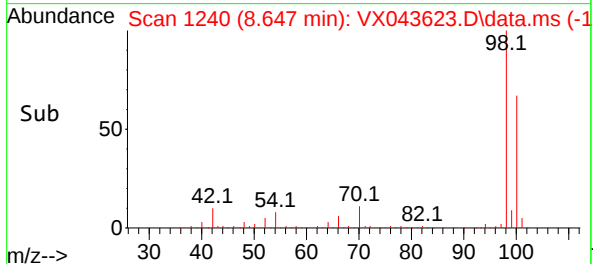
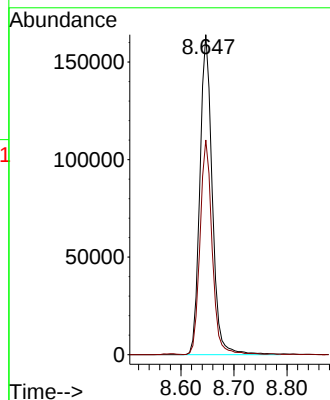
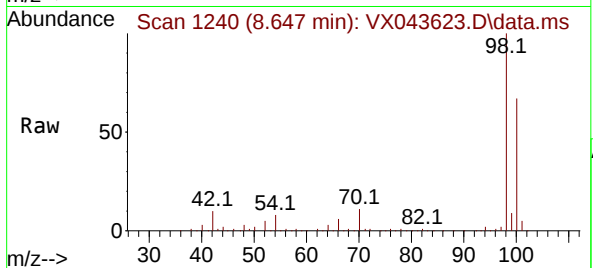
PB164501ZHE#01

Tgt Ion: 98 Resp: 265602

Ion Ratio Lower Upper

98 100

100 65.8 53.4 80.2



#51

4-Methyl-2-Pentanone

Concen: 39.588 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.030 min

Lab File: VX043623.D

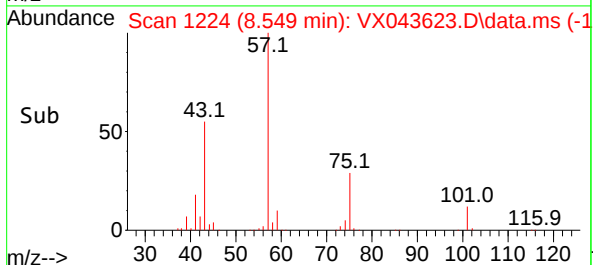
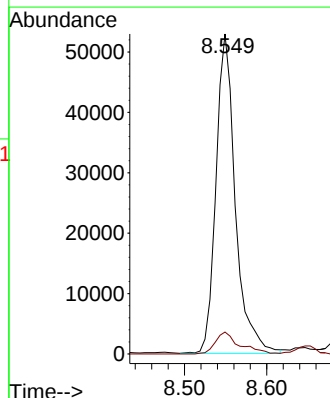
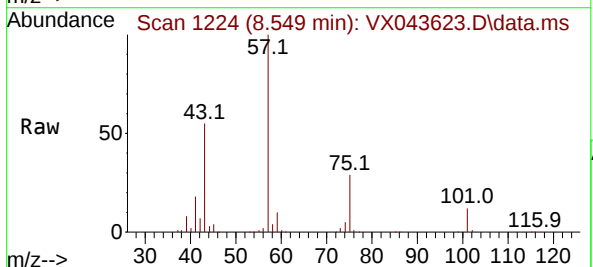
Acq: 30 Oct 2024 14:47

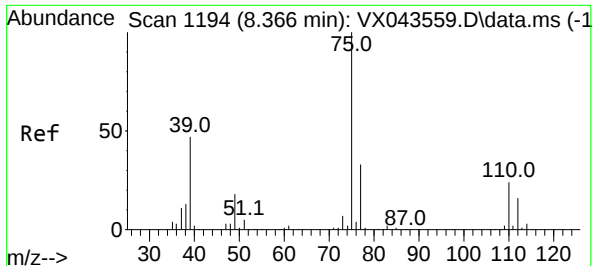
Tgt Ion: 43 Resp: 86457

Ion Ratio Lower Upper

43 100

58 8.6 31.7 47.5#

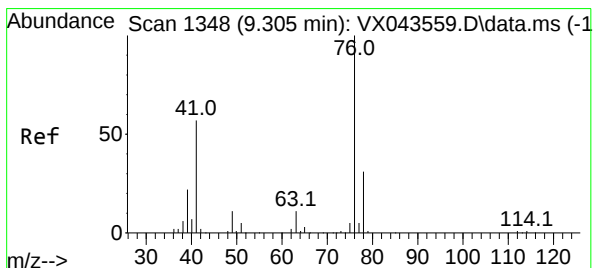
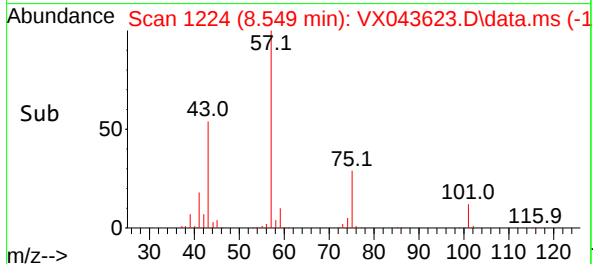
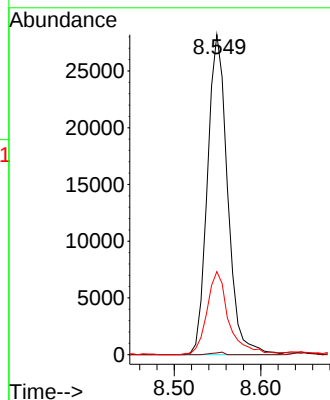
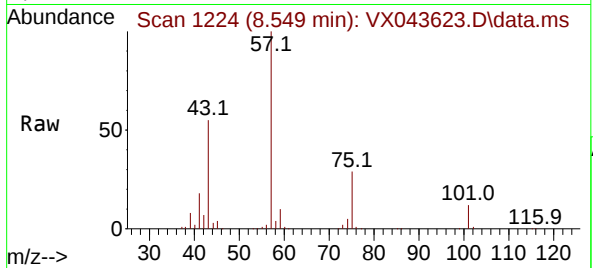




#54
 cis-1,3-Dichloropropene
 Concen: 20.090 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX043623.D
 Acq: 30 Oct 2024 14:47

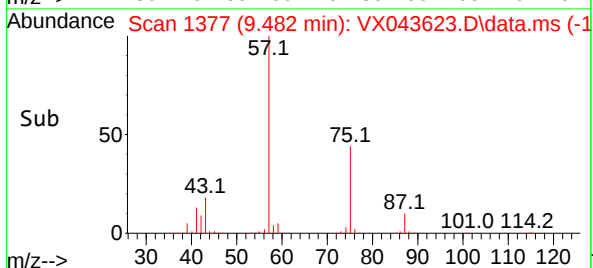
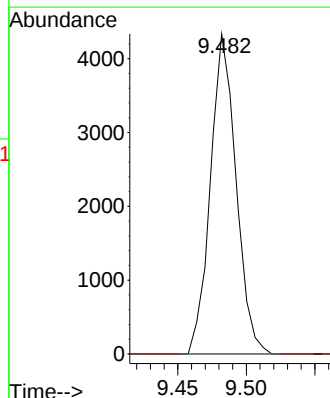
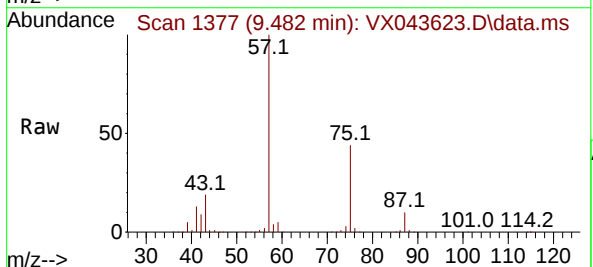
Instrument :
 MSVOA_X
 ClientSampleId :
 PB164501ZHE#01

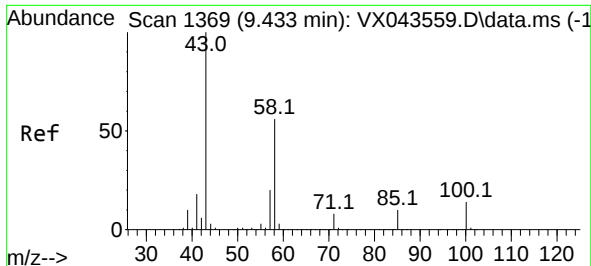
Tgt Ion: 75 Resp: 45525
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.8 37.2#
 39 26.0 37.7 56.5#



#57
 1,3-Dichloropropane
 Concen: 2.256 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX043623.D
 Acq: 30 Oct 2024 14:47

Tgt Ion: 76 Resp: 5639
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#





#59

2-Hexanone

Concen: 42.774 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX043623.D

Acq: 30 Oct 2024 14:47

Instrument :

MSVOA_X

ClientSampleId :

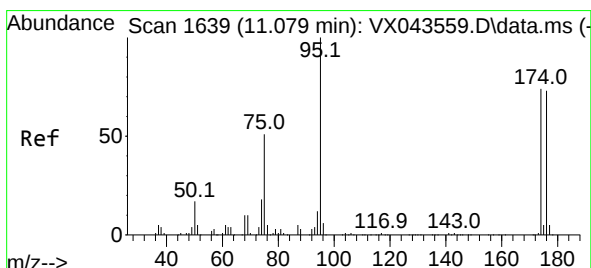
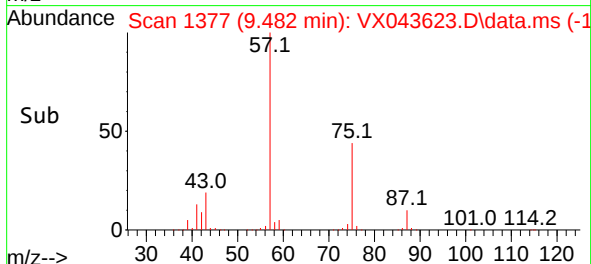
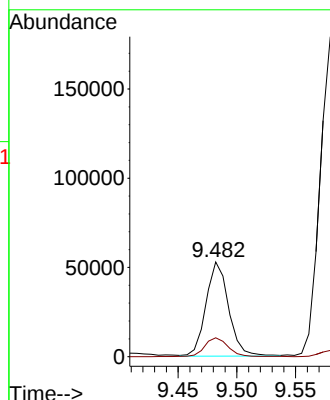
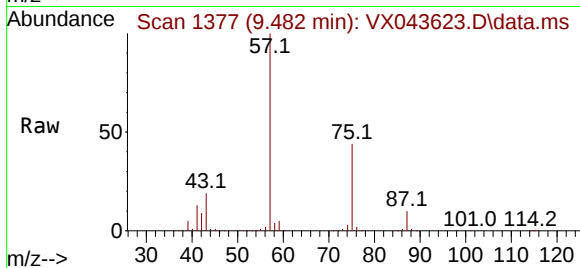
PB164501ZHE#01

Tgt Ion: 43 Resp: 70949

Ion Ratio Lower Upper

43 100

58 21.2 27.5 82.5#



#62

4-Bromofluorobenzene

Concen: 49.128 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043623.D

Acq: 30 Oct 2024 14:47

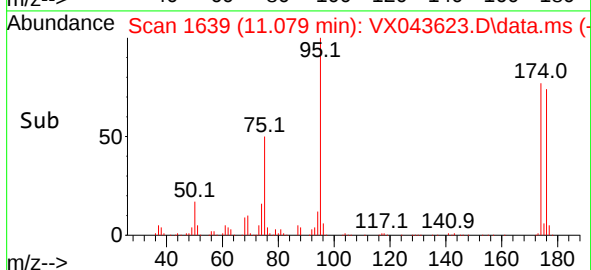
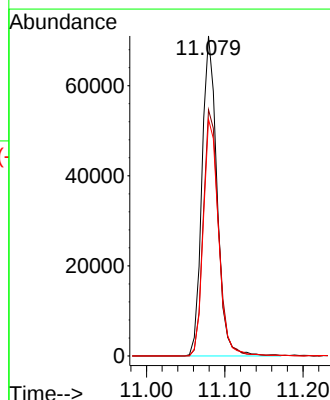
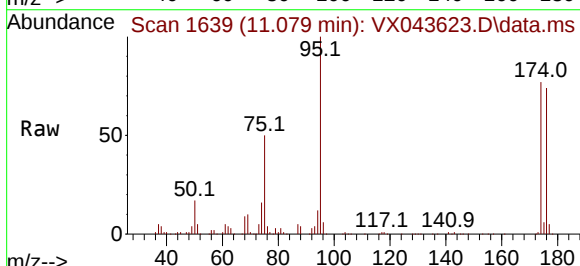
Tgt Ion: 95 Resp: 94845

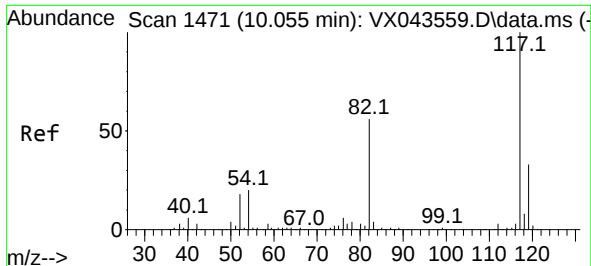
Ion Ratio Lower Upper

95 100

174 77.8 0.0 146.6

176 74.8 0.0 139.6

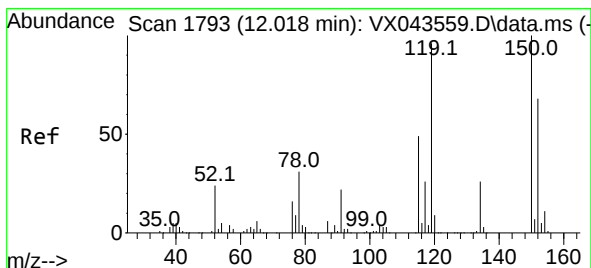
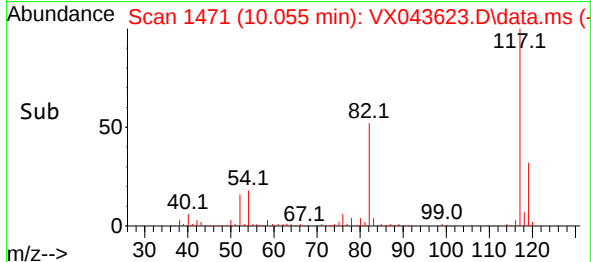
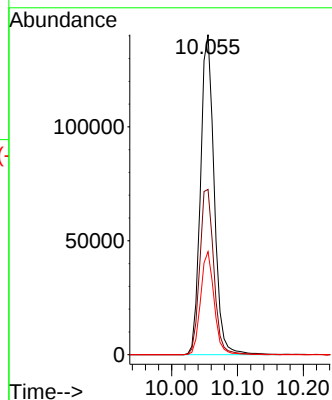
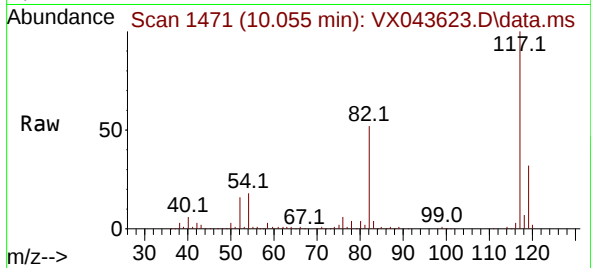




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

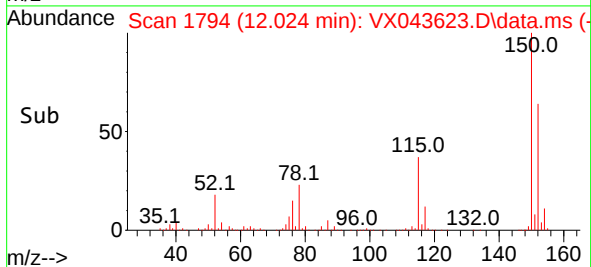
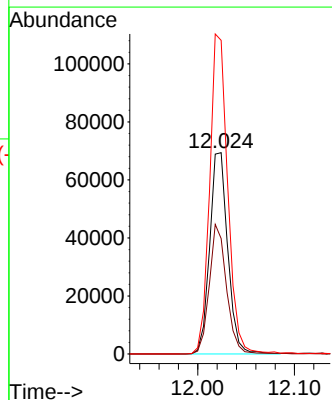
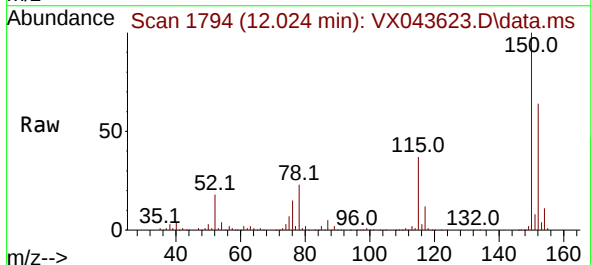
Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#01

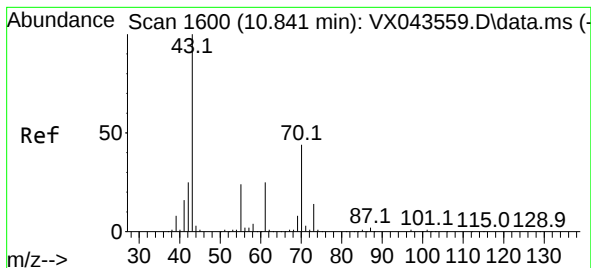
Tgt Ion:117 Resp: 203213
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

Tgt Ion:152 Resp: 90372
Ion Ratio Lower Upper
152 100
115 61.4 42.9 128.7
150 159.0 0.0 343.6





#74

N-amy1 acetate

Concen: 0.286 ug/l

RT: 10.811 min Scan# 1

Delta R.T. -0.030 min

Lab File: VX043623.D

Acq: 30 Oct 2024 14:47

Instrument :

MSVOA_X

ClientSampleId :

PB164501ZHE#01

Tgt Ion: 43 Resp: 891

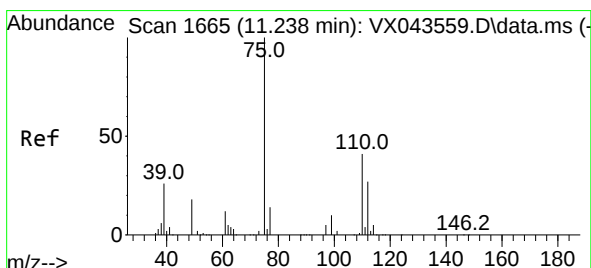
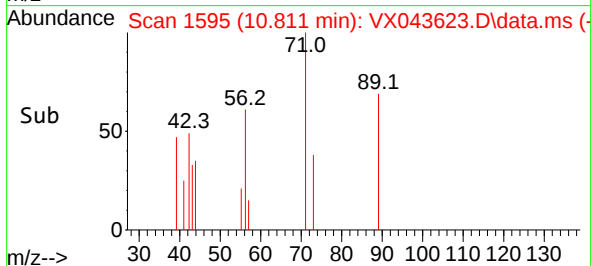
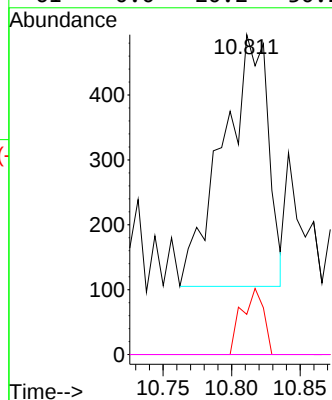
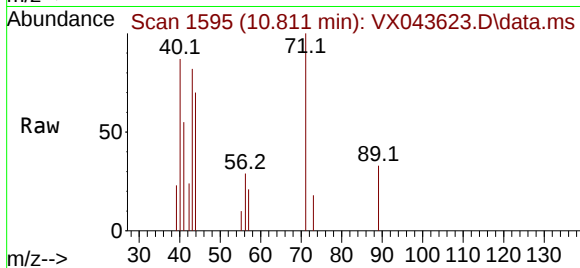
Ion Ratio Lower Upper

43 100

70 0.0 34.6 52.0#

55 12.7 19.6 29.4#

61 0.0 20.2 30.2#



#76

1,2,3-Trichloropropane

Concen: 23.784 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043623.D

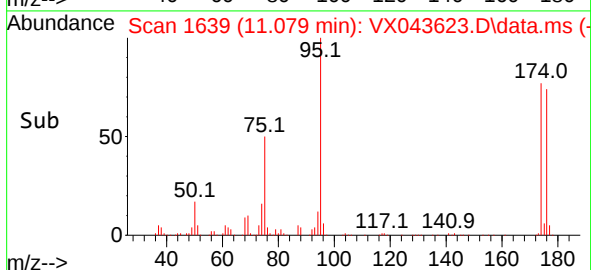
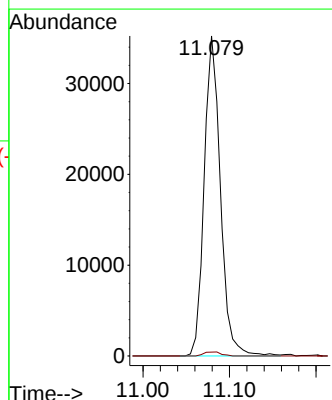
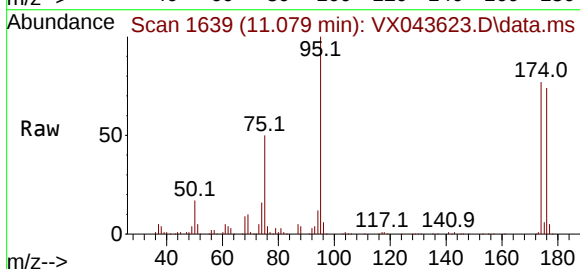
Acq: 30 Oct 2024 14:47

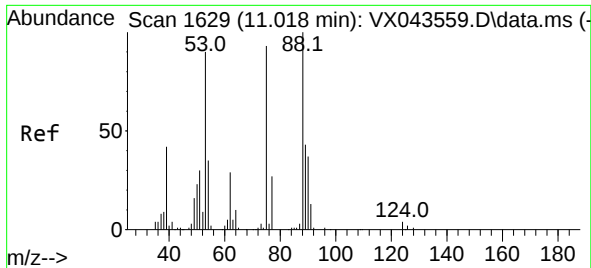
Tgt Ion: 75 Resp: 45957

Ion Ratio Lower Upper

75 100

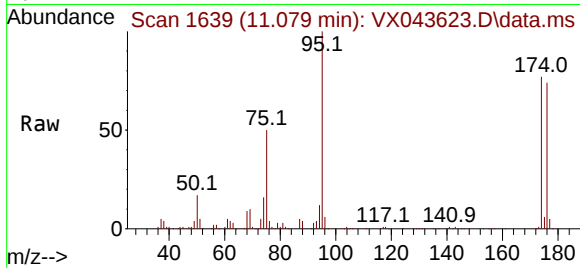
77 1.3 22.4 67.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.430 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043623.D
Acq: 30 Oct 2024 14:47

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#01



Tgt Ion: 75 Resp: 45957
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.1 38.6 58.0#

